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the medical faculty at Berlin for the essays in competition for the royal prize is: 'Comparative Research on the Histogenesis of the Heart Musculature.' The subject for the city prize essay is: 'Research on the Normal and the Pathologic Anatomy of the Appendix.'

FOREIGN journals state that the Australian government has issued a proclamation prohibiting the importation of the microbe of hæmorrhagic septicæmia, by which it was proposed to destroy the rabbit pest, except upon the condition that the packages containing the microbes be handed unopened to the state bacteriologist of New South Wales, and retained by him unused until the minister gives permission to use them. Under the Noxious Microbes Act of 1900 of New South Wales it will also be necessary for the state government to pass a regulation sanctioning experiments before anything can be done in the way of rabbit extermination. In the meantime only laboratory experiments will be carried on.

A ROYAL commission has been appointed "to inquire into the existing system of management of the lights, buoys and beacons on the coast of the United Kingdom by the three general lighthouse authorities, and as to the constitution and working of these authorities, and to report what changes, if any, are desirable in the present arrangements."

THE American Institute of Social Service will hold in New York City, in January next, an exposition of devices for safeguarding the lives and limbs of working men and women, and for preventing accidents under the ordinary conditions of life and labor to which the general public is exposed. The interest of manufacturers generally is solicited, as well as that of organizations whose special function is to improve the conditions of labor, and a widespread response is looked for to this request for representation in the nature of photographs, descriptive drawings, models, and, as far as possible, the devices themselves in actual operation. Following are some of the groups of exhibits: Section 1. Models, photographs and drawings of scaffolding, as

well as the personal equipment of workers in building trades. 2. Protective devices for boilers, water gauges, signal apparatus, boiler and pipe valves; also protective devices for electrical machinery and acetylene apparatus. 3. Protective devices for motors and power transmitters, devices for turning on power and shutting it off, belt connection, couplings, etc. 4. Fire protection and the prevention of explosives. 5. First aid to the injured. 6. Mining and quarrying; devices in use on stone-crushing machinery, etc. Storing of explosives. 7. Metal industry; safety devices for metal-working machinery. 8. Textile industry: safety devices for looms, carding, etc. 9. Leather and paper industry: safety devices for paper cutting, stamping and molding machinery. 10. Safety appliances for elevators and hoisting apparatus models. 11. Food products: safety appliances for kneading machines, rollers and cutters. 12. Personal equipment of workingmen: protective spectacles, respirators, suits, etc. 13. Workingmen's dwellings. 14 and 15. Housing: models, plans, photographs. 16. Ventilation. 17. Models, photographs and plans of toilets, dressing and living rooms, baths, etc. 18. Cooking: demonstration in heating food; models, plans, photographs. 19. Other social betterment institutions; reports of labor departments, industrial arbitration courts. 20. Agricultural machinery: safety appliances on same, demonstrated by models and views. 21. Lumber industry: safety devices for band and circular saws, planing machinery, etc., demonstrated by models. 22. Models, photographs and plans of workingmen's industrial betterment institutions of all kinds. Requests for information regarding space should be made to Dr. William H. Tolman, director, 287 Fourth Avenue, New York.

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#### UNIVERSITY AND EDUCATIONAL NEWS.

THE new buildings of the Harvard Medical School will be formally dedicated on September 25 and 26. On Tuesday afternoon exercises will be held at the new site, with

short addresses by Professors Warren, Dwight and Shattuck and Mr. Coolidge, the architect. In the evening a reception will be given at the Boston Medical Library. On Wednesday morning there will be exercises at Cambridge, which will include addresses by President Eliot and Professor Welch, of the Johns Hopkins University, and the conferring of honorary degrees. In the afternoon the triennial banquet of the Harvard Medical Alumni Association will be held in Memorial Hall.

THE Johns Hopkins University announces the establishment of advanced courses in applied science. They aim to present the most recent advances of the several sciences from the point of view of theory and in their special bearing on industrial applications, and are designed to meet the demand for a specialized scientific equipment exceeding that indicated by the usual collegiate or engineering degree. Particular attention will be paid to the results of research and to improvements in methods, as reported in the current scientific literature. Complete laboratory facilities are offered to engineers and others who desire to prosecute research along particular lines. The courses are intended for the following classes of students: (a) Graduates in engineering or science who wish to extend their equipment in special directions; (b) engineers desirous of knowing the present state and trend of research in their subjects; (c) those wishing to prosecute some special experimental research; (d) those wishing to attend special courses in applied science.

AN Italian-American educational alliance has been established for the exchange of lecturers and professors between the two countries and the improvement of their educational relations. The arrangements have been made in Italy by Dr. Joseph S. Kennard, who especially represented the University of Pennsylvania.

It is reported that at the meeting of the Russian Council of Ministers, held on August 21, it was decided to appoint a commission to draw up a bill providing for universal pri-

mary education, to be submitted to the council of the empire and the duma at the beginning of the next session. The council also decided that it was imperatively necessary to increase the salaries of primary teachers and to build more schools, for which purpose it assigned a grant of 5,333,000 roubles, chargeable to next year's budget. A commission sitting under the presidency of the minister of education has recommended the reopening of the universities, under practically the same conditions as were vainly tried last autumn, an autonomous government by a professorial council.

PROFESSOR DUGALD C. JACKSON, head of the department of electrical engineering at the University of Wisconsin, has been elected professor of electrical engineering and head of the electrical engineering department in the Massachusetts Institute of Technology, as the successor of Dr. Louis Duncan, who resigned about a year and a half ago.

DR. THOMAS E. MCKINNEY, professor of mathematics and astronomy at Marietta College, has been called to Wesleyan University; Dr. Henry L. Coar, instructor in the University of Illinois, has been appointed assistant professor of mathematics in Marietta College, to succeed Professor McKinney.

THE University of Southern California at Los Angeles has made the following promotions and appointments: Miss Nelle Lancaster, instructor in biology, to become assistant professor of zoology; Edward A. Henderson, instructor in chemistry, to become assistant professor of pharmaceutical chemistry; Miss Florence E. Durkee (A.B. Stanford University), appointed fellow in botany.

DR. GUSTAV HAUSER, of Erlangen, will succeed Professor G. E. von Rindfleisch as professor of pathology at Würzburg.

DR. ROBERT WOLLENBERG, professor of psychiatry at Tübingen, has been called to a similar chair at Strasburg.

DR. LUDWIG RHUMBLER, of Göttingen, has been appointed professor of zoology in the School of Agriculture at Hanover.